

Lake District National Park

Forecast valid from 00:00 on Tuesday 08 Feb 2022 until 23:59 on Wednesday 09 Feb 2022

Forecast Issued on Monday 07 Feb 2022 at 11:09

Confidence: A lot of uncertainty on Tuesday as a band of rain moves south but stalls over central England, potentially a lot of rainfall for western fells as a result of this however if the band of rain moves far enough south better conditions than forecast can be expected. Otherwise an unsettled, cold week with strong winds at times and wintry showers.

Headline for Tuesday 08 Feb 2022: Likely to be a cloudy, dull day with light rain most of the time, heavier on the western fells.

Mountain weather hazards on Tuesday 08 Feb 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

Low Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Dull	Heavy Rain	Light rain	Light rain	Light rain	Light rain	Dull	Cloudy
Precipitation probability							
20%	60%	70%	70%	40%	20%	20%	10%

Forecast for Tuesday 08 Feb 2022

Weather: Rain, heavy at times, will spread south overnight, the band of rain is expected to stall with continuous light rain for most of the day, especially for the western Fells, perhaps more breaks in the rain and cloud further north and east in the Lake District. Some uncertainty in the position of the band of the rain with the possibility of it stalling further south with drier, brighter conditions likely for the north of the Lake District. Rain is likely to move south again the evening with some drier conditions later.

Chance of cloud-free hill tops above 800m: 30%, best chance around northern fells with the southern and western fells likely to see extensive low cloud associated with rain band.

Low cloud and visibility: Extensive low cloud for the western fells from 300m and above for much of the day, cloud likely to be more broken further north and east with bases around 4-500m but still unlikely to get good views during the day. Visibility will also be reduced in the west in light rain and drizzle, likely to be some drier periods in the northeast with the potential for some good visibility here in the afternoon.

Forecast for Tuesday 08 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	45/57 SW	41/52 W	29/36 W	27/34 W	25/33 SW	24/32 W	26/33 SW	23/31 SW	26/35 W
600	34/47 SW	30/43 W	22/29 W	19/26 W	19/27 SW	19/27 W	20/29 SW	18/26 SW	21/31 W
300	13/37 SW	13/35 W	7/22 W	6/21 W	6/21 SW	6/21 W	7/22 W	7/21 SW	9/25 W
Valley	13/33 SW	15/33 W	7/20 W	6/18 SW	8/19 SW	8/19 W	8/19 SW	9/20 SW	11/23 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-4	4/-3	3/-4	2/-4	3/-4	2/-4	2/-5	2/-4	1/-6
600	6/-1	6/0	4/-2	4/-2	4/-1	4/-1	3/-2	4/-2	3/-3
300	7/4	7/4	6/4	6/4	6/4	6/4	6/3	6/3	5/2
Valley	9/6	9/6	7/5	7/5	8/6	7/5	7/5	7/5	7/5
Freezing Level*	2000m	2000m	1800m	1700m	1600m	1500m	1300m	1200m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Early gales will ease during the day but still feeling very cold in low cloud and light rain. Freezing level falling towards the summits by evening time.

Forecast for Wednesday 09 Feb 2022

Weather: Expected to be mainly dry with some bright spells but a few showers moving across the area too. Any showers will likely be wintry above 600m. Brisk westerly winds will move any showers through quite quickly but will also add to a significant wind chill on the fells.

Maximum wind: West 20-25 mph with gusts 35mph.

Chance of cloud-free hill tops above 800m: 90%, good views likely with some lower cloud expected as showers pass but clearing quickly.

Low cloud and visibility: Scattered cloud layers above 600m, especially around any wintry showers. Outwith showers visibility will be good with some far reaching views likely but in a wintry shower visibility may fall to a few kilometres or less temporarily with snow causing temporary disorientation.

Temperature: **Valleys:** Around 5-6 Celsius.
At 800m: Plus 1 Celsius falling to minus 2 Celsius later.
Freezing level: 1000m falling to 700m.

Ground Conditions Supplement

Monday 7 February Location: Blencathra at 1200 Full report: Changeable conditions with sunshine, snow showers and rain sweeping across the National Park on fresh SW winds. Snow showers yesterday & overnight were very localised meaning there is a great variability in snow cover across the Lake District fells with the snow level anywhere between 300m & 600m. The strong NW winds which accompanied the snowfall mean that the greatest accumulations are to be found on steep SE aspects and in hollows and gullies above 700m. Drifts were up to thigh deep but generally the snow cover is boot depth or less. An overnight frost refroze the older snow and exposed terrain. However the freezing level quickly rose above the summits and there is now a general & rapid thaw. Microspikes were very useful today in dealing with the huge variety of conditions underfoot. Despite the warm temperatures there was still plenty of ice and frozen ground to catch out the unwary, especially where the snow has been compressed under walkers feet. Full winter clothing (warm and waterproof) including hats & gloves and equipment including a map, compass, goggles (for navigating in poor conditions) and headtorch are all essential. Carrying crampons / microspikes and an ice axe is also strongly recommended for anyone venturing above the snow line.

Issued at: 1109 on Mon 07 Feb 2022